| Electronic Patent Application Fee Transmittal    |  |          |          |        |                         |  |  |  |
|--|--|----------|----------|--------|-------------------------|--|--|--|
| Application Number:                              | 10583202   |          |          |        |                         |  |  |  |
| Filing Date:                                     | 16-Jun-2006  |          |          |        |                         |  |  |  |
| Title of Invention:                              | BRACHYSPIRA PILOSICOLI 72KDA OUTER-MEMBRANE PROTEIN AND<br>DIAGNOSTIC AND THERAPEUTIC USES THEREOF |          |          |        |                         |  |  |  |
| First Named Inventor/Applicant Name:             | David John Hampson   |          |          |        |                         |  |  |  |
| Filer:   | George E. Renzoni/Morry Denton   |          |          |        |                         |  |  |  |
| Attorney Docket Number:                          | 34141-US-PCT   |          |          |        |                         |  |  |  |
| Filed as Large Entity                            |  |          |          |        |                         |  |  |  |
| U.S. National Stage under 35 USC 371 Filing Fees |  |          |          |        |                         |  |  |  |
| Description                                      |  | Fee Code | Quantity | Amount | Sub-Total in<br>USD(\$) |  |  |  |
| Basic Filing:                                    |  |          |          |        |                         |  |  |  |
| Pages:   |  |          |          |        |                         |  |  |  |
| Claims:  |  |          |          |        |                         |  |  |  |
| Miscellaneous-Filing:                            |  |          |          |        |                         |  |  |  |
| Petition:  |  |          |          |        |                         |  |  |  |
| Patent-Appeals-and-Interference:                 |  |          |          |        |                         |  |  |  |
| Post-Allowance-and-Post-Issuance:                |  |          |          |        |                         |  |  |  |
| Utility Appl issue fee                           |  | 1501     | 1        | 1510   | 1510                    |  |  |  |
| Publ. Fee- early, voluntary, or normal           |  | 1504     | 1        | 300    | 300                     |  |  |  |

| Description        | Fee Code          | Quantity | Amount | Sub-Total in<br>USD(\$) |
|--------------------|-------------------|----------|--------|-------------------------|
| Extension-of-Time: |                   |          |        |                         |
| Miscellaneous:     |                   |          |        |                         |
|                    | Total in USD (\$) |          |        | 1810                    |